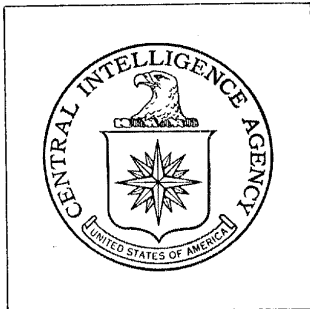


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DIRECTORATE OF  
INTELLIGENCE

Industrial Facilities  
(Non-Military)

## *Basic Imagery Interpretation Brief*

Tang-shan Heat and Thermal Power Plant

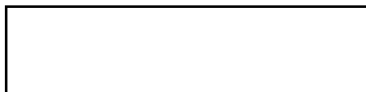
Tang-shan, China

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DECLASS REVIEW by NIMA/DOD

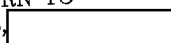
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CENTRAL INTELLIGENCE AGENCY  
Directorate of Intelligence  
Imagery Analysis Service

INSTALLATION OR ACTIVITY NAME		COUNTRY
Tang-shan Heat and Thermal Power Plant		CH
UTM COORDINATES	GEOGRAPHIC COORDINATES	WAC-PIC NO.
50SPJ032892	39-38-50N 118-11-45E	0381-65-C
MAP REFERENCE		
67th RTS. USATC Series 200, Sheet 0381-2HL, 2nd edition, Jan 64, Scale 1:200,000 (SECRET)		
LATEST IMAGERY USED		NEGATION DATE (If required)
		Not Required

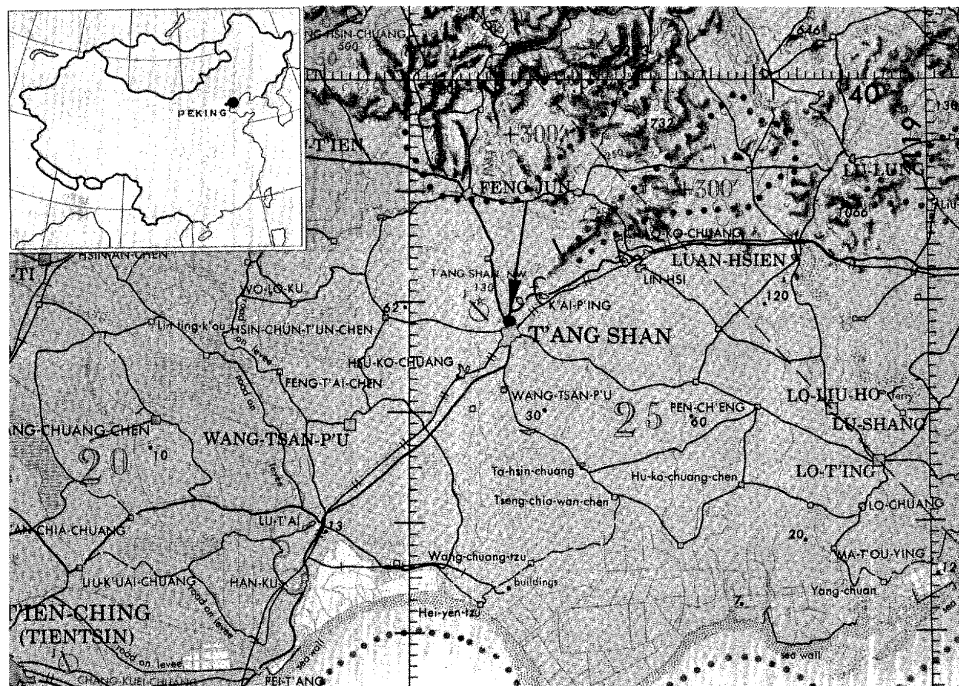
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## INTRODUCTION

The Tang-shan Heat and Thermal Power Plant is located in the northern part of Tang-shan, west of the Tang-shan Steel Plant

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## BASIC DESCRIPTION

The power plant is rail served and is located within a walled area, approximately 1,300 by 1,100 feet. This power plant is complete. Three circuit leads were observed between the switching yard and the larger generator hall which indicates that it contains at least three generators. The generator hall appears to be large enough to house two more generators. Water for the boilers is possibly obtained from a pumping station (not shown) located 500 feet west of the plant.

Between [redacted] the date of the latest imagery used in the referenced report, and [redacted] two induced-draft cooling tower units, a coal storage building and several minor support buildings were constructed. Heavy smoke was observed emanating from the two large masonry stacks attached to the larger boilerhouse on all missions. No smoke was ever observed emanating from the smaller boilerhouse stacks. Light to heavy vapor was observed coming from the induced-draft cooling towers on all referenced imagery, except that of [redacted]

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## Key to Annotations

<u>Item No.</u>	<u>Description</u>	<u>Dimensions (ft)</u>	<u>Remarks</u>
1	Pump House		Water Intake
2	Switching Yard		5 Main Transformers
3	Control House		2 Stand-by Transformers 1 Possible and 2 In-house Transformers
4	Generator Hall	420 x 100	At Least 3 Turbogenerators
5	Boilerhouse	350 x 100	5 Double Boilers 2 Stacks
6	Induced-Draft Cooling Towers (2 Units)	300 x 60 (Each)	24 Fans Each
7	Coal Conveyors and Preparation Facilities		
8	Coal Stockpile		
9	Coal Storage Building		
10	Natural-Draft Cooling Tower	85 Top Diam	
11	Boilerhouse	105 x 85	2 Boilers; 2 Roof Stacks
12	Generator Hall	240 x 45	Possibly 2 Turbogenerators
13	Control House	65 x 20	
14	Switching Yard		4 Transformers
15	Transformer Maintenance Building		
16	Administration Building	220 x 45	

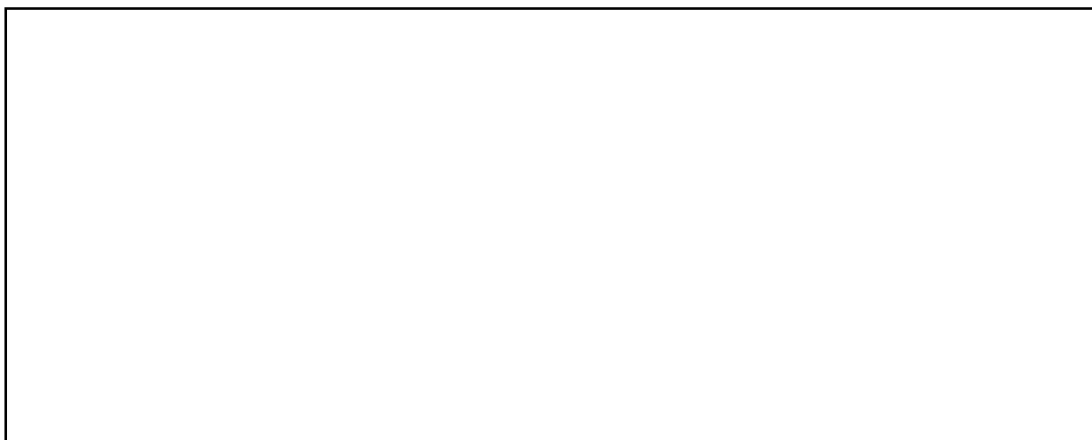
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## REFERENCES

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## Maps

67th RTS. US Air Target Chart, Series 200, Sheet 0381-2HL, 2nd edition,  
Jan 64, Scale 1:200,000 (SECRET)

ACIC. USAF Operational Navigation Chart, Sheet G-10, 5th edition, Mar 68,  
Scale 1:1,000,000 (UNCLASSIFIED)

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## Documents

CIA. PIR 65150, Chinese Power Plants, Hopeh Province, June 1966,  
(TOP SECRET)

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## Requirement

EXSUBCOM - BR-N/002-69

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